

GERD SCHMITZ ET AL.
USSN 09/786,635

AMENDMENTS TO THE CLAIMS

- A1
1. (Original) A polynucleotide comprising a member selected from the group consisting of :
 - (a) a polynucleotide encoding the polypeptide as set forth in SEQ ID NO:2;
 - (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
 - (c) a polynucleotide fragment of the polynucleotide of (a) or (b).
 2. (Original) The polynucleotide of claim 1 wherein the polynucleotide is DNA.
 3. (Original) A vector containing one or more of the polynucleotides of claim 1 and 2.
 4. (Original) A host cell containing the vector of claim 3.
 5. (Original) A process for producing a polypeptide comprising: expressing from the host cell of claim 4 the polypeptide encoded by said DNA.
 6. (Original) A polypeptide selected from the group consisting of
 - (a) a polypeptide having the deduced amino acid sequence of SEQ ID NO:2 and fragments, analogs and derivatives thereof, and
 - (b) a polypeptide comprising amino acid 1 to amino acid 2201 of SEQ ID NO:2.

GERD SCHMITZ ET AL.
USSN 09/786,635

7. (Original) An antibody capable to bind to the polypeptide of claim 6.
8. (Original) A diagnostic kit for the detection of the polypeptide of claim 6.
9. (Currently Amended) A method of using ~~Use of a~~ polypeptides encoded by a polynucleotide comprising a member selected from the group consisting of:
- (a) ~~a polynucleotide as set forth in SEQ ID NO:1,3,4 and 6 to 31~~ a polynucleotide as claimed in claim 13;
 - (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
 - (c) a polynucleotide fragment of the polynucleotide of (a) or (b)
- in an assay for detecting modulators of said polypeptides.
10. (Original) Modulator of a polypeptides encoded by a polynucleotide comprising a member selected from the group consisting of :
- (a) a polynucleotide as set forth in SEQ ID NO:1,3,4 and 6 to 31;
 - (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
 - (c) a polynucleotide fragment of the polynucleotide of (a) or (b).

GERD SCHMITZ ET AL
USSN 09/786,635

- Cont
A1
11. (Original) A pharmaceutical comprising the modulator of claim 10.
12. (Original) An assay for detecting polypeptides encoded by a polynucleotide comprising a member selected from the group consisting of:
- (a) a polynucleotide as set forth in SEQ ID NO:1,3,4 and 6 to 32 and 54;
 - (b) a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a); and
 - (c) a polynucleotide fragment of the polynucleotide of (a) or (b).
13. (New) A polynucleotide according to claim 1 which is selected from the group consisting of SEQ ID NOS. 1, 3, 4, and 6 to 31.
-